



- ❑ L1: (161924) "455"/\$.cls. or "370"/\$.cls.
- ❑ L2: (11231) 1 and (WLAN or "wireless LAN" or "wireless local area network")
- ❑ L3: (5569) 2 and "access point"
- ❑ L4: (2984) 3 and server
- ❑ L5: (360) 4 and ("service set identifier" or SSID)
- ❑ L6: (58) 5 and ("wireless NIC" or "wireless network interface")
- ❑ L7: (32) 6 and "IP address"
- ❑ L8: (3) 7 and "portable device"
- ❑ L9: (26) 7 and (portable or mobile)
- ❑ L10: (3) 7 and (portable or mobile)
- ❑ L11: (2) 9 and (new near5 device)
- ❑ L12: (26433) WLAN or "wireless LAN" or "wireless local area network"
- ❑ L13: (890) 12 and ("service set identifier" or SSID)
- ❑ L14: (134) 13 and ("wireless NIC" or "wireless network interface")
- ❑ L15: (71) 14 and "IP address"
- ❑ L16: (71) 15 and "access point"
- ❑ L17: (6) 16 and (portable or mobile)
- ❑ L18: (35) 13 and ("wireless NIC" or "wireless network interface").clm.
- ❑ L19: (7) 18 and ("service set identifier" or SSID).clm.
- ❑ L20: (2) 19 and "IP address".clm.
- ❑ L21: (1) 20 and "access point".clm.

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United States
Patent Application Publication
Ko et al.

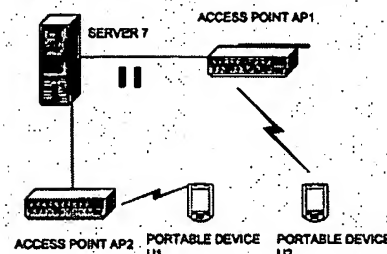
Pub. No. US 2005/0025103 A1
Pub. Date Feb. 3, 2005

Foreign Application Priority Data
Aug. 24, 2003 (TW) 92221313

Publication Classification
Int. Cl. H04L 12/28
U.S. Cl. 709/227

ABSTRACT
The present invention discloses a server system for identifying a new joining portable device in a wireless local area network (WLAN) and providing the new joining portable device with a new identification number, thereby the portable device can successfully access the wireless LAN and share the network data for support.

App. No. 10/181463
Filed Apr. 1, 2004



U	1	Document ID	Issue Date	Pages	Title	Current OR	Current Ref	Inventor	S
1	❑	US 20050025103 A1	20050203	11	Automatic recognition system for use in a wireless local area	370/338	370/431; 709/227	Ko, Ming-Chih et al.	❑

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- ☒ L7: (32) 6 and "IP address"
- ☒ L8: (3) 7 and "portable device"

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United States
 Patent Application Publication
 No. of App. 1031-4631

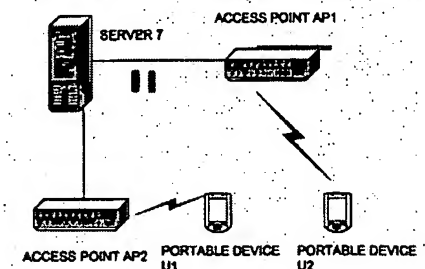
(1) AUTOMATIC RECOGNITION SYSTEM FOR USE IN A WIRELESS LOCAL-AREA NETWORK (WLAN)
 (2) Pub. No.: US 2005/0025103 A1
 (3) Pub. Date: Feb. 3, 2005

(4) Inventor: Ming-Chih Ko, David Randolph et al.
 (5) Attorney: KILPATRICK FOSTER LLP
 (6) Address: 1000 F STREET, N.W.
 (7) City: WASHINGTON, D.C. 20004-4202

(8) Int. Cl. Class.: H04L 12/28
 (9) U.S. Class.: 709/227

(10) ABSTRACT
 The present invention discloses a server automatically detecting a new wireless portable device in a wireless local area network (WLAN) and providing the new joining portable device with a new identification number. Shortly thereafter, the portable device can automatically access the wireless LAN and obtain the wireless LAN's IP address.

(11) Appl. No.: 10/463,101
 (12) Filed: Apr. 1, 2004



	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20060068799 A1	20060330	14	Open-host wireless access system	455/450	455/552.1		Morton; David Randolph et al.	F
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20060002331 A1	20060105	31	Automated sniffer apparatus and method for wireless local	370/328			Bhagwat; Pravin et al.	F
3	<input type="checkbox"/>	<input type="checkbox"/>	US 20050025103 A1	20050203	11	Automatic recognition system for use in a wireless local area	370/338	370/431; 709/227		Ko, Ming-Chih et al.	F

EAST - [10814631.wsp:1]

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- L9: (26) 7 and (portable or mobile)
- **L10: (3) 7 and (portable or mobile)**

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7 and (portable or mobile)

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ret	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 7133670 B1	20061107	19	Roaming agreement application and database for c	455/432.1	370/494; 455/432.3		Moll, Keith et al.	F
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 7042852 B2	20060509	34	System and method for wireless LAN dynamic chann	370/310	370/277; 370/329;		Hrastar, Scott	F
3	<input type="checkbox"/>	<input type="checkbox"/>	US 7002943 B2	20060221	51	Method and system for monitoring a selected region o	370/338			Bhagwat, Pravin et al.	F

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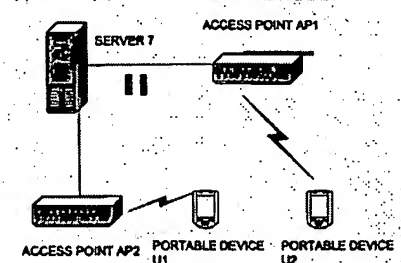
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United States
Patent Application Publication
No. et al.
Pub. No.: US 2005/0025103 A1
Pub. Date: Feb. 3, 2005

(54) AUTOMATIC RECOGNITION SYSTEM FOR USE IN A WIRELESS LOCAL AREA NETWORK (WLAN)
(57) Foreign Application Priority Data
Aug. 31, 2003 (TW) 92/121,211

(73) Inventor: Ming-Chih Ko, Taipei (TW)
Inventor: Ming-Chih Ko, Taipei (TW)
Publication Classification
(51) Int. Cl. H04L 12/28 (2006.01) (H)

(52) App. No.: 09/044,451
(52) Pub. No.: 2005/0025103 A1
(52) Pub. Date: Apr. 3, 2005



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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current Ret	Inventor	S
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20070025306 A1	20070201	13	Method and system for dynamic assignment of wirele	370/338	370/401	Cox, Brian et al.	F
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 20050025103 A1	20050203	11	Automatic recognition system for use in a wireless local area	370/338	370/431; 709/227	Ko, Ming-Chih et al.	F

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current	Ref	Inventor	S
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 7086089 B2	20060801	31	Systems and methods for network security	726/22	726/13; 726/7		Hrastar, Scott et al.	<input checked="" type="checkbox"/>
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3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 7042852 B2	20060509	34	System and method for wireless LAN dynamic chan	370/310	370/277; 370/329;		Hrastar, Scott	<input checked="" type="checkbox"/>
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	US 6961762 B1	20051101	13	Automatic switching network points based on configuration	709/221	709/220; 709/222		Yeap, Yuen-Pin et al.	<input checked="" type="checkbox"/>

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